

SPSS Homework 1

Objective:

The objective of this homework is to familiarize yourself with various data manipulation techniques in SPSS, including data import, variable and value labeling, recoding, computing new variables, sorting, and converting data types etc.

Instructions:

1. Import the provided dataset "income expenditure.xlsx " into SPSS
2. Add variable labels to each variable
3. Add appropriate value labels to categorical variables using keys
4. Use the Automatic Recode function to recode a categorical variable into numeric values.
5. Compute a new variable for basic cost (rent, food, transportation, and utilities) using the Compute function.
6. Compute new variables for total and average monthly cost
7. Compute a new variable for annual saving/debt
8. Compute a new binary variable coded as 0 for people who are in debt and 1 for who are in positive balance

Keys:

Gender; 1 Female, 2 males

Education: 0 High School, 1 Bachelor, 2 Master., 3 PhD

Marital Status: 0 Single 1 Married

Satisfaction: 0 Low, 1 Medium, 2 High

City: 1 CHI, 2 LA, 3 NYC, 4 SF